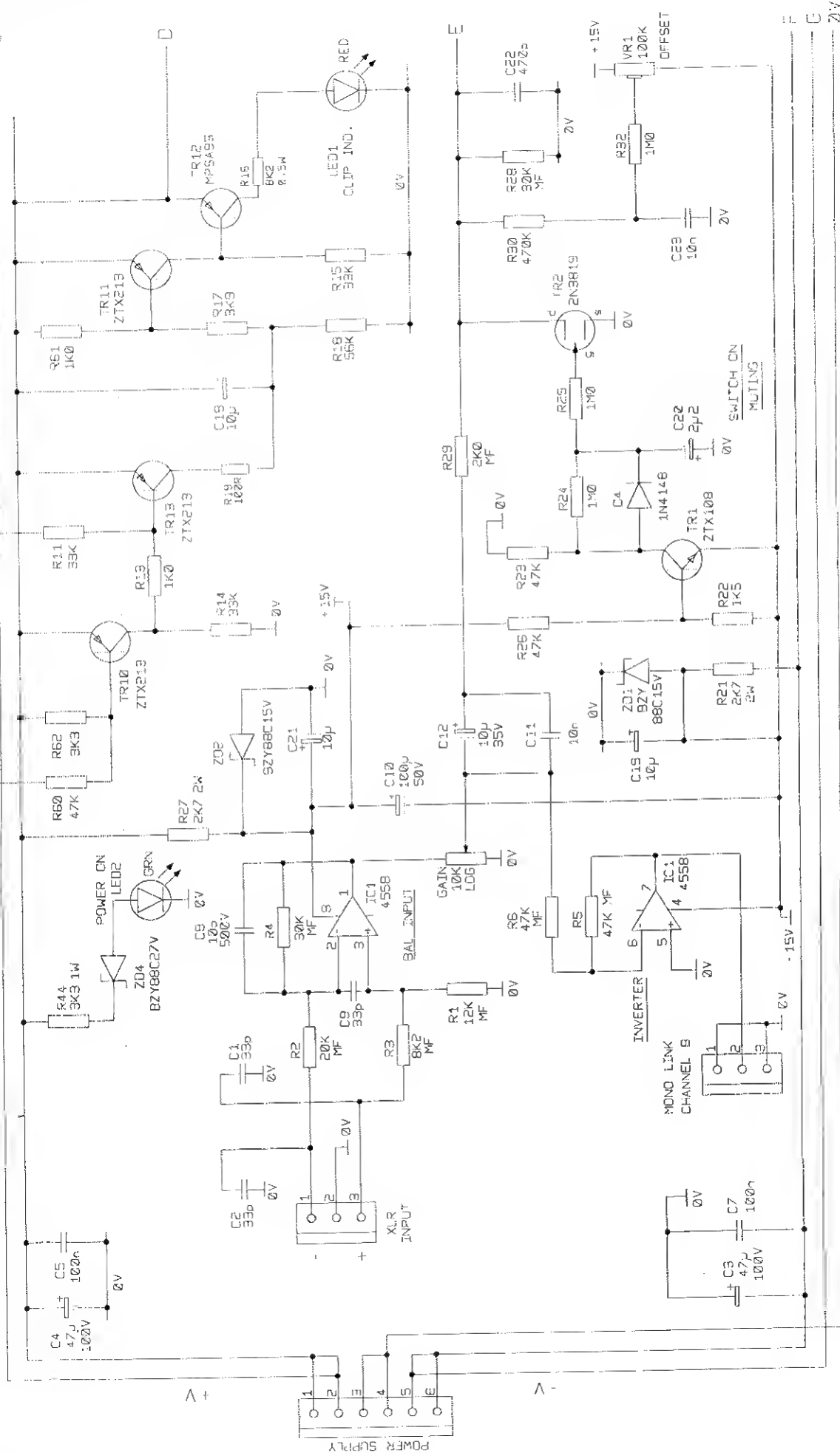


NOTE: MF = METAL FILM RESISTORS
FP = FUME PROOF RESISTORS
FUS = FUSIBLE RESISTORS



CITRONIC LTD. ©

-A- IFAX 9040
BOWEN-HILL
WILSHIRE SN12 6UB

ISSUE

MODIFICATION DETAILS

9 M286
10 DC043 NEW MOSFET REPLACEMENTS
11 DC(138/157) SPEAKER & EMC MOD

DRAWN

DATE

15/01/87
29/11/93
01/04/95

TITLE

PPX 450 AMPLIFIER
CHANNEL A
CIRCUIT DIAGRAM

PC10614A.DGM

DATE

01/04/95

350 NO
PC10614-1

54-1

OF 2

ISSUE
11

[illegible]

ALIFAX ROAD
BOWERHILL
MELKSHAM
WILTSHIRE SN

8	M511
9	DC243 NEW MOSFET REPLACEMENT
10	DC(139/157) SPEAKER & EMC MOD

APP.

PPX450 AMPLIFIER
CHANNEL B
CIRCUIT DIAGRAM

06/07/05

+1 290 73

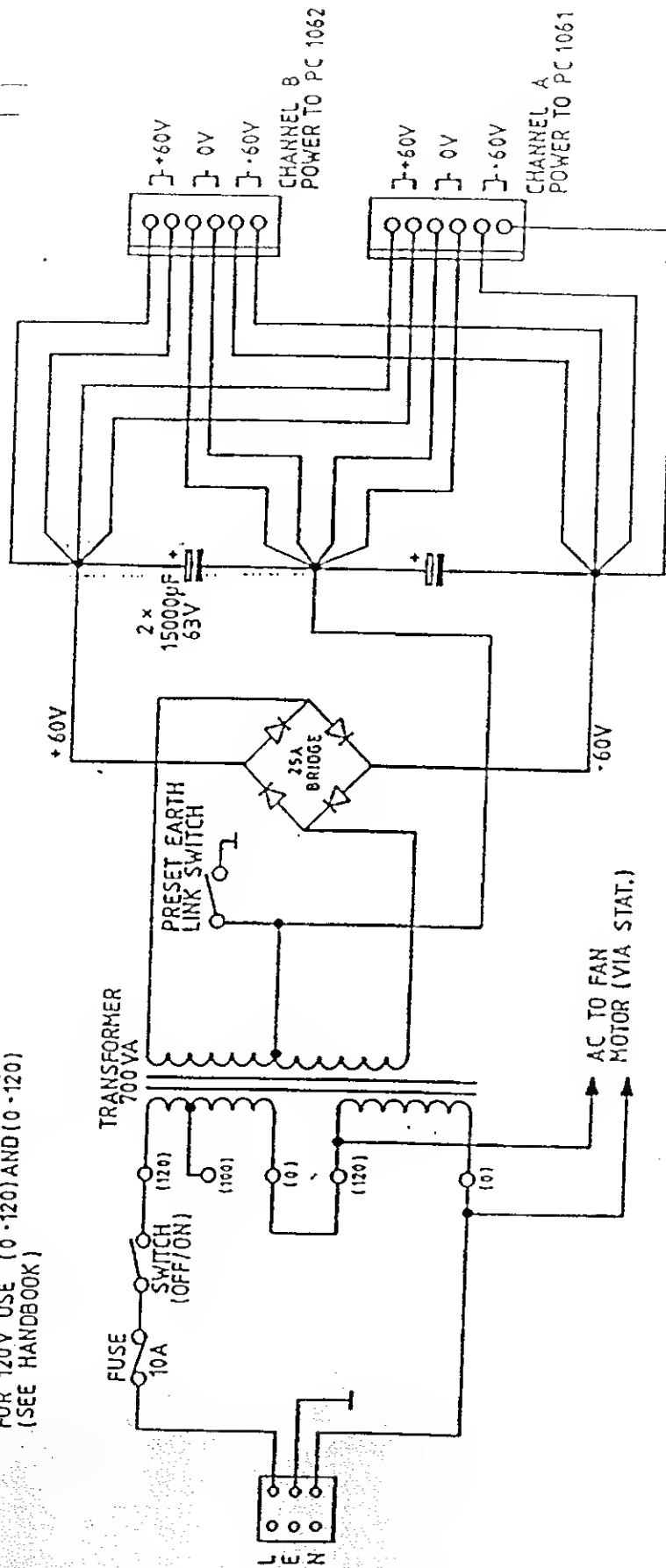
$$\rightarrow \mathbb{C} \setminus \{0\}$$

2.

DO NOT SCALE

TX PRIMARIES

FOR 240V USE (0.120) + (0.120)
 FOR 220V USE (0.100) + (0.120)
 FOR 120V USE (0.120) AND (0.120)
 (SEE HANDBOOK)



CITRONIC ©

HALIFAX ROAD,
 BOWENHILL, WILKESHAM
 WILTSHIRE
 Telephone 02251 705600

TOLERANCES
 UNLESS OTHERWISE STATED
 DIMENSIONAL 1
 ANGULAR 1
 WORK TO BS 208

MATERIAL:
 TREATMENT:
 FINISH
 SCALE

DRAWN
 W.A.V.
 CHECKED
 APPROVED

TITLE:
 PPX 450 -
 PSU ASSY CIRCUIT DIAGRAM

USED ON:
 PPX 450

SHEET
 1 of 1

ISSUE
 1

FOR PFX900 OR PFX450 AMP (EARLY TYPE) 1

PC1061/2 ISSUES UP TO F (OLD TYPE) CONVERSION TO
MJE340 & 2N5416 DRIVERS.

① Change TR3 & TR4 FROM MPS243 TO MJE340'S.

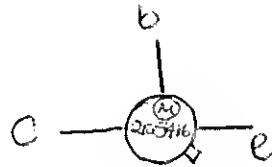


MPS243 CONFIGURATION.
(PINOUT TOP VIEW)



② Change TR5 FROM MPS243 TO 2N5416 Metal Can Type.

2N5416 CONFIGURATION.
(TOP VIEW).



MPS243 CONFIGURATION
AS ABOVE.

(NOTE :- CONNECTOR JOINED TO CAN.) (ALSO FITTED MICA SPACER & HEATSINK TO 2N5416)

③ Change D5, D7, D2 (1N4004) TO BA157 Diodes.

④ Tag 2nd cap (0.0022 μ F) Evox Box Across D7.

⑤ Change D6 (1N4004) TO 1N4148 Diode.

Test, Check DC offset & Bias.